



## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/004149

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1, 4-8 as originally filed/furnished
- pages\* 2, 2/1, 3 received by this Authority on 06.10.2004
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. 4 as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* 1-3, 5, 6, 9-11 received by this Authority on 06.10.2004
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets 1/3-3/3 as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☒ the claims, nos. 7, 8
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	<u>1-6, 9-11</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-6, 9-11</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-6, 9-11</u>	YES
	Claims		NO
2. Citations and explanations (Rule 70.7)			
<p>Document 1: JP 6-319500 A (Sekisui Plastics Co., Ltd.), 22 November 1994, claims; paragraphs [0016], [0017] and [0029]; embodiments (Family: none)</p>			
<p>Document 2: JP 2000-043096 A (Sekisui Plastics Co., Ltd.), 15 February 2000, claims; paragraphs [0006] and [0009]; embodiments (Family: none)</p>			
<p>Document 3: JP 3-141956 A (Mitsubishi Mining &amp; Cement Co., Ltd.), 17 June 1991, claims; page 2, upper right column, line 18 to page 2, lower left column, line 7; embodiments (Family: none)</p>			
<p>Document 4: JP 2001-270709 A (Director General of National Institute of Advanced Industrial Science and Technology), 2 October 2001, claims; embodiments (Family: none)</p>			
<p>Document 5: JP 4-317404 A (The Nippon Chemical Industrial Co., Ltd.), 9 November 1992, claims; embodiments (Family: none)</p>			
<p>The inventions set forth in claims 1 to 6 and 9 to 11 are not disclosed in any of the documents cited in the</p>			

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Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
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international search report, and would not be obvious to a person skilled in the art. In particular, a calcium porous phosphate multilayered particle obtained by applying an inorganic porous coating to a porous spherical calcium phosphate particle which has a particle diameter falling within the range of 0.1 to 100 $\mu$ m, and which has a metal ion substituted in calcium phosphate within the range of 0.0001 to 10wt% or has a metal ion supported on the surface thereof, is not disclosed in any of the documents cited in the international search report.